

FORM PTO-1390		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>		071971-0382	
		U.S. APPLIC. NO. (if known, see 37 CFR 1.5) Not yet assigned	
<b>INTERNATIONAL APPLICATION NO</b> PCT/JP2004/003694		<b>INTERNATIONAL FILING DATE</b> March 18, 2004	
		<b>PRIORITY DATE CLAIMED</b> May 13, 2003	
<b>TITLE OF INVENTION</b> DIGITAL MODULATION APPARATUS AND DIGITAL MODULATION METHOD			
<b>APPLICANTS FOR DO/EO/US</b> Hiroyuki YABUNO, Hironori DEGUCHI			
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:			
1.	<input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.		
2.	<input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.		
3.	<input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.		
4.	<input checked="" type="checkbox"/> The US has been elected (Article 31).		
5.	<input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))		
	a. <input type="checkbox"/> is attached herewith (required only if not transmitted by the International Bureau).		
	b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.		
	c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)		
6.	<input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).		
7.	<input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))		
	a. <input type="checkbox"/> are attached hereto (required only if not transmitted by the International Bureau).		
	b. <input type="checkbox"/> have been communicated by the International Bureau.		
	c. <input type="checkbox"/> have not been made; however, the time limit for making such amendment has NOT expired.		
	d. <input checked="" type="checkbox"/> have not been made and will not be made.		
8.	<input type="checkbox"/> An English translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).		
9.	<input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).		
10.	<input type="checkbox"/> An English translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).		
<b>Items 11. to 16. below concern other document(s) or information included:</b>			
11.	<input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.		
12.	<input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.		
13.	<input checked="" type="checkbox"/> A preliminary amendment.		
14.	<input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.		
15.	<input type="checkbox"/> A substitute specification.		
16.	<input type="checkbox"/> A power of attorney and/or change of address letter.		
17.	<input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.		
18.	<input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).		
19.	<input type="checkbox"/> A second copy of the English translation of the International Application under 35 U.S.C. 154(d)(4).		
20.	<input checked="" type="checkbox"/> Other items or information.		
	1) Front page of International Application 2) International Search Report (English Translation) 3) PCT/ISA/220 4) PCT/ISA/237 5) PCT/IB/301 6) PCT/IB/304 7) PCT/IB/308 8) PCT/IB/311 9) PCT/IB/332 10) PCT/IPEA/401 11) PCT/IPEA/416 12) Copy of International Preliminary Examination Report 13) PCT Request		

U.S. APPLIC. NO. (if known see 37 CFR 1.801) Not yet assigned		INTERNATIONAL APPLICATION NO. PCT/JP2004/003694		ATTORNEY'S DOCKET NUMBER 071971-0382	
				CALCULATIONS	PTO USE ONLY
21. <input checked="" type="checkbox"/> The following fees are submitted:					
<input checked="" type="checkbox"/> Basic National Stage Fee				\$300	\$300.00
22. <input checked="" type="checkbox"/> Examination Fee If the written opinion prepared by ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)				\$0	
All other situations				\$200	\$200.00
23. <input checked="" type="checkbox"/> Search Fee (37CFR 1.492(b))  If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)				\$0	\$400.00
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority				\$100	
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB				\$400	
All other situations				\$500	
TOTAL OF 21, 22 and 23 =				\$900.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.				\$	
Total Sheets	Extra Sheets	Number of each additional 50 or fraction Thereof (round up to a whole number)	RATE		
-100	/50=		X\$250	\$	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
CLAIMS		NUMBER FILED	NUMBER EXTRA	RATE	
Total Claims		26-20 =	6	x \$50.00	\$300.00
Independent Claims		8-3 =	5	x \$200.00	\$1000.00
Multiple dependent claim(s) (if applicable)				+ \$360.00	\$
TOTAL OF ABOVE CALCULATIONS =				\$2200.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.				\$	
SUBTOTAL =				\$	
Processing fee of \$130.00 for furnishing the English translation later than the 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				+	\$
TOTAL NATIONAL FEE =					
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+	\$
TOTAL FEES ENCLOSED =				\$2200.00	
				Amount to be refunded	\$
				Amount to be charged	\$2200.00
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.					
b. <input type="checkbox"/> Please charge my Deposit Account No. <u>500417</u> in the amount of <u>\$2200.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed.					
c. <input type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>500417</u> . A duplicate copy of this sheet is enclosed.					
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.					
SEND ALL CORRESPONDENCE TO:  Customer Number 20277 Telephone: 202.756.8000 Facsimile: 202.756.8087					
<p style="text-align: center;">SIGNATURE Michael E. Fogarty NAME 36,139 REGISTRATION NUMBER</p>					